

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listing, of claims in the application:

Listing of Claims:

Claim 1 (currently amended) A hot blown plastic film for chub packaging, consisting essentially of:

- a. at least one sealing layer, ~~comprising at least one wherein each sealing layer consists essentially of a member of selected from~~ the group consisting of low density polyethylene, linear low density polyethylene, ethylene ester ~~copolymers~~ copolymer, ethylene alpha olefin ~~copolymers~~ copolymer, polypropylene ~~copolymers~~ copolymer, or polypropylene ~~homopolymers~~ homopolymer, very low density polyethylene, polybutylene, styrene based ~~copolymers~~ copolymer, ~~ionomers~~ ionomer, ethylene methacrylic acid ~~copolymers~~ copolymer, and combinations thereof;
- b. at least one barrier layer, ~~comprising wherein each barrier layer consists essentially of~~ polyvinylidene chloride ~~polymers~~ polymer; and
- c. at least one intermediate layer, ~~comprising wherein each intermediate layer consists essentially of a member selected from the group consisting of~~ ethylene ester ~~copolymers~~ copolymer, ethylene ester ~~polymers~~ polymer, chemically modified ~~polyethylenes~~ polyethylene, and/or chemically modified ~~polyethylenes~~ polyethylene, and combinations thereof.

Claim 2 (currently amended) A plastic film according to claim 1, characterized in that said film ~~comprises~~ consists essentially of two outer sealing layers.

Claim 3 (currently amended) A plastic film according to claim 1, characterized in that said film ~~comprises~~ consists essentially of one barrier layer.

Claim 4 (currently amended) A plastic film according to claim 1, characterized in that said film ~~comprises~~ consists essentially of two or more intermediate layers.

Claim 5 (currently amended) A plastic film according to claim 1, characterized in that said film ~~comprises~~ consists essentially of 2 - 10 intermediate layers.

Claim 6 (currently amended) A plastic film according to claim 1, characterized in that said film ~~comprises~~ consists essentially of 4 - 8 intermediate layers.

Claim 7 (currently amended) A plastic film according to claim 1, characterized in that said film ~~comprises~~ consists essentially of 6 intermediate layers.

Claim 8 (currently amended) A plastic film according to claim 1, characterized in that said one or more intermediate layers ~~comprise~~ consist essentially of one or more ethylene ester polymers.

Claim 9 (currently amended) A plastic film according to claim 8, characterized in that said one or more intermediate layers ~~comprise~~ consist essentially of one or more members of selected from the group consisting of ethylene vinyl acetate ~~copolymers~~ copolymer, ethylene methyl acrylate ~~copolymers~~ copolymer, ethylene ethyl acrylate ~~copolymers~~ copolymer, ethylene methyl methacrylate ~~copolymers~~ copolymer, ethylene butyl acrylate ~~copolymers~~ copolymer and terpolymers of said polymers.

Claim 10 (currently amended) A plastic film according to claim 8, characterized in that said one or more intermediate layers ~~comprise~~ consist essentially of an ethylene vinyl acetate copolymer.

Claim 11 (currently amended) A plastic film according to claim 8, characterized in that said one or more intermediate layers ~~comprise~~ consist essentially of an ethylene methyl acrylate copolymer.

Claim 12 (currently amended) A plastic film according to claim 1, characterized in that said sealing layer ~~comprises~~ consists essentially of an ethylene alpha-olefin ~~plastomer~~ copolymer that is a plastomer.

Claim 13 (currently amended) A plastic film according to claim 1, characterized in that said sealing layer ~~comprises~~ consists essentially of an ethylene ester copolymer that is an ethylene-vinyl acetate copolymer.

Claim 14 (currently amended) A plastic film according to claim 1, characterized in that said sealing layer ~~comprises~~ consists essentially of an ethylene alpha-olefin ~~plastomer~~ copolymer that is a plastomer and an ethylene ester copolymer that is an ethylene-vinyl acetate copolymer.

Claim 15 (currently amended) A plastic film according to claim 1, characterized in that said barrier layer ~~comprises~~ consists essentially of one or more polyvinylidene chloride polymers selected from the group consisting of methyl acrylate-polyvinylidene chloride copolymer and vinylidene chloride copolymers.

Claim 16 (currently amended) A plastic film according to claim 1, characterized in that said barrier layer ~~comprises~~ consists essentially of a methylacrylate-polyvinylidene chloride copolymer.

Claim 17 (currently amended) A plastic film according to claim 1, characterized in that said one or more intermediate layers ~~comprise~~ consist essentially of one or more pigments.

Claim 18 (currently amended) A plastic film comprising:

- a. at least one sealing layer, comprising at least one member ~~of~~ selected from the group consisting of low density polyethylene, linear low density polyethylene, ethylene ester ~~copolymers~~ copolymer, ethylene alpha olefin ~~copolymers~~ copolymer, polypropylene ~~copolymers~~ copolymer, or polypropylene homopolymers homopolymer, very low density polyethylene, polybutylene, styrene based ~~copolymers~~ copolymer, ~~ionomers~~ ionomer, ethylene methacrylic acid ~~copolymers~~ copolymer, and combinations thereof;
- b. at least one barrier layer, comprising polyvinylidene chloride ~~polymers~~ polymer;
- c. at least one intermediate layer, comprising a member selected from the group consisting of ethylene ester ~~copolymers~~ copolymer, ethylene ester ~~polymers~~ polymer, chemically modified polyethylenes polyethylene, and/or chemically modified polypropylenes polypropylene, and combinations thereof.

characterized in that said one or more intermediate layers comprises a material comprising 70% by weight white TiO₂ pigment.

Claim 19 (original) A plastic film according to claim 1, characterized in that said sealing layer(s) ~~comprise(s)~~ include(s) additives in suitable amounts, ~~such as to improve the machinability or other properties of the film.~~

Claim 20 (original) A plastic film according to claim 19, characterized in that said sealing layer(s) ~~comprise(s)~~ include(s) as said additives slip agents ~~and/~~ or polymer processing agents or a combination thereof.

Claim 21 (original) A plastic film according to claim 19, characterized in that said sealing layer(s) ~~comprise(s)~~ include(s) said additives in an amount of 1 - 10 wt.-%.

Claim 22 (previously amended) A plastic film according to claim 19, characterized in that said additives ~~comprise~~ are 5% by weight of erucamide and 10 % by weight of natural silica.

Claim 23 (currently amended) A plastic film, having the following structure:
a. an outer heat sealing layer comprising:

74% by weight of an alpha-olefin plastomer copolymer, ~~wherein the plastomer is Affinity PL-1880 from Dow~~ having a melting point of 99° C, a density of 0.902 g/ml and a melt index of 1.0 g/10 min;

24% by weight of an ethylene-vinyl acetate copolymer ~~EVATANE 1003-VN4 material~~, having ~~MFI~~ a melt flow index of 0.35 g/10 min and 14% ~~VA~~ vinyl acetate;

2% by weight of slip additives and polymer processing aids;

b. an adjacent intermediate layer, consisting of ~~EVA~~ ethylene vinyl acetate copolymer ~~ELVAX 3165(DUPONT)~~, having 18% by weight ~~VA~~ vinyl acetate and a melt flow index (~~MFI~~) of 0.7 g/10 min;

c. an adjacent intermediate layer, consisting of ~~EVA~~ ethylene vinyl acetate copolymer ~~ELVAX 3190(DUPONT)~~, having 25% by weight ~~VA~~ vinyl acetate and ~~MFI~~ a melt flow index of 2 g/10 min;

d. an adjacent intermediate layer, comprising 70% by weight of ~~EMA~~ ethylene methyl acrylate copolymer ~~LOTRYL 29-MA03~~, having 29% by weight ~~MA~~ methyl acrylate and ~~MFI~~ a melt flow index of 3 g/10 min and 30% by weight of ~~EMA~~ ethylene methyl acrylate copolymer ~~LOTRYL 24MA005~~, having 24% by weight ~~MA~~ methyl acrylate and ~~MFI~~ a melt flow index of 0.6 g/10 min;

e. an adjacent barrier layer, consisting of ~~MA-PVDC~~ methyl acrylate-polyvinylidene chloride copolymer, ~~namely XU 32019.1 OL material~~;

f. an adjacent intermediate layer, comprising 70% by weight of ~~EMA~~ ethylene methyl acrylate copolymer ~~LOTRYL 29-MA03~~, having 29% by weight ~~MA~~ methyl acrylate and ~~MFI~~ a melt flow index of 3 g/10 min and 30% by weight of ~~EMA~~ ethylene methyl acrylate copolymer ~~LOTRYL 24MA005~~, having 24% by weight ~~MA~~ methyl acrylate and ~~MFI~~ a melt flow index of 0.6 g/10 min;

g. an adjacent intermediate layer, consisting of ~~EVA~~ ethylene vinyl acetate copolymer ~~ELVAX 3190(DUPONT)~~, having 25% by weight ~~VA~~ vinyl acetate and ~~MA~~ a melt flow index of 2 g/10 min;

h. an adjacent intermediate layer, consisting of ~~EVA~~ ethylene vinyl acetate copolymer ~~ELVAX 3165(DUPONT)~~, having 18% by weight ~~VA~~ vinyl acetate and a melt flow index of 0.7 g/10 min ~~MFI~~; and

i. an outer heat sealing layer, comprising:

74% by weight of an alpha-olefin plastomer copolymer, ~~which plastomer is Affinity PL-1880 from Dow~~ having a melting point of 99° C, a density of 0.902 g/ml and a melt index of 1.0 g/10 min;

24% by weight of an ethylene-vinyl acetate copolymer ~~EVATANE 1003 VN4 material~~, having ~~MFI~~ a melt flow index of 0.35 g/10 min and 14% by weight ~~VA vinyl acetate~~;

2% by weight of slip additives and polymer processing aids.

Claim 24 (original) A plastic film according to claim 1, characterized in that said film is irradiated.

Claim 25 (original) A plastic film according to claim 1, characterized in that said film is a coextruded film.

Claim 26 (canceled)

Claim 27 (original) Process of chub packaging, comprising packaging a product with a film according to claim 1.

Claim 28 (original) A chub package made from the film of claim 1.